

PRODUCT DATASHEET

Differential Pressure Manometers

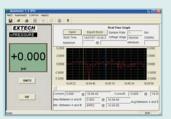
11 selectable units

Low Range/High Resolution Gauge or Differential Pressure

Features:

- Three models to choose from: HD700 (±2psi range) HD750 (±5psi range) HD755 (±0.5psi range)
- 11 selectable units of measure
- Max/Min/Avg recording and Relative time stamp
- · Data Hold and Auto power off functions
- Large LCD display with backlighting
- Zero function for offset correction or measurement
- Built-in USB (software and cable included)
- USB port includes software
- Includes Windows® compatible software with cable, 9V battery, two connection hoses, 100V-240V switching AC Adaptor, and hard carrying case





USB port includes PC Software



Model HD755 (0.5psi)

| Specifications | Model HD700 Range | Resolution | Model HD750 Range | Resolution | Model HD755 Range | Resolution | Basic Accuracy |
|--------------------|---|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------|
| inH ₂ 0 | 55.40inH ₂ 0 | 0.01inH ₂ 0 | 138.3inH ₂ 0 | 0.1inH ₂ 0 | 13.85inH ₂ 0 | 0.01inH ₂ 0 | ±0.3%FS |
| psi | 2psi | 0.001psi | 5psi | 0.001psi | 0.5psi | 0.001psi | ±0.3%FS |
| mbar | 137.8mbar | 0.1mbar | 344.7mbar | 0.1mbar | 34.47mbar | 0.01mbar | ±0.3%FS |
| kPa | 13.79kPa | 0.01kPa | 34.47kPa | 0.01kPa | 3.447kPa | 0.001kPa | ±0.3%FS |
| inHg | 4.072inHg | 0.001inHg | 10.18inHg | 0.01inHg | 1.018inHg | 0.001inHg | ±0.3%FS |
| mmHg | 103.4mmHg | 0.1mmHg | 258.5mmHg | 0.1mmHg | 25.86mmHg | 0.01mmHg | ±0.3%FS |
| ozin² | 32ozin ² | 0.01ozin ² | 80ozin ² | 0.01ozin ² | 8.00ozin ² | 0.01ozin ² | ±0.3%FS |
| ftH ₂ 0 | 4.612ftH ₂ 0 | 0.001ftH ₂ 0 | 11.53ftH ₂ 0 | 0.01ftH ₂ 0 | 1.154ftH ₂ 0 | 0.001ftH ₂ 0 | ±0.3%FS |
| cmH ₂ O | 140cmH ₂ 0 | 0.1cmH ₂ 0 | 351.5cmH ₂ 0 | 0.1cmH ₂ 0 | 2.59cmH ₂ 0 | 0.01cmH ₂ 0 | ±0.3%FS |
| kgcm ² | 0.140kgcm ² | 0.001kgcm ² | 0.351kgcm ² | 0.001kgcm ² | 0.035kgcm ² | 0.001kgcm ² | ±0.3%FS |
| bar | 0.137bar | 0.001bar | 0.344bar | 0.001bar | 0.034bar | 0.001bar | ±0.3%FS |
| Dimensions/Weight | 8.2 x 2.9 x 1.9" (210 x 75 x 50mm)/9.8oz (280g) | | | | | | |

Ordering Information:

HD700Differential Pressure Manometer 2psi HD750Differential Pressure Manometer 5psi HD755Differential Pressure Manometer 0.5psi

HD700-NIST ...HD700 with NIST Certificate HD750-NIST ...HD750 with NIST Certificate HD755-NIST ... HD755 with NIST Certificate



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